

The Epson FX-100 dot matrix printer is especially well suited for business applications. The extended 136-column width and fast 160 CPS printing speed make it ideal for spread sheets and ledgers.

An integral RAM in the FX-100 lets you design your own personal set of characters or symbols by either modifying standard characters or creating new ones. You can store up to 256 symbols in addition to the standard set. And if you don't need new characters, the RAM functions as a 2K input buffer.

One hundred twenty-eight different typestyles in a sharp 9x9 matrix provide numerous options for reports, memos and graphic presentations. Among these are Proportional, Pica, Elite and Italics, and for fine print or formulas, there is Subscript and Superscript.

The FX-100's graphic capabilities include seven different dot-addressable modes from a 1:1 Plotter mode to a 240 dots-per-inch Quadruple Density mode. You can even mix text and graphics in the same line.

Logic seeking, bidirectional printing and Epson's inexpensive, disposable print head are added features of the office-oriented FX-100.

Both friction and tractor paper feed are part of the FX-100's capabilities, with the adjustable tractors on an easily removable mechanism.

The FX-100, designed for versatile business usage, can be paired with almost every microcomputer in today's marketplace.

Just the
facts
about
the



Epson
FX-100

Specifications

Print Method Serial impact dot matrix
 Print Rate 160 CPS
 Print Direction Bidirectional in text mode;
 unidirectional in bit image mode,
 superscript/subscript, or when
 programmed
 Number of Pins in Head .. 9
 Matrix 9x9 to 18x18 (See "Print Modes") or
 11x9 user definable

PRINTING CHARACTERISTICS

Character Set Full 96-character ASCII with
 descenders; 8 international
 character sets; 256 programmable,
 downloadable characters
 Bit Image Graphics 60 DPI
 72 DPI (1:1 ratio)
 80 DPI
 90 DPI
 120 DPI

Printing Modes Standard, 9x9 matrix
 Double, 9x18 matrix (advance paper
 1/216th and repeat line);
 Emphasized 18x9 matrix (shift right
 and double strike);
 Double Emphasized, 18x18 matrix
 (combination of above)

Number of Characters
 per line Selectable via DIP switch (136 or
 233), and programmable

PRINTING SIZES

	Characters Per Inch	Max. Characters Per Line
Normal	10	136
Normal Expanded	5	68
Compressed	17.16	233
Compressed Expanded ..	8.58	116
Elite	12	163
Elite Enlarged	6	81

FORMS HANDLING

Line Feed Programmable length 1 to 255/216ths
 Form Feed Programmable to 127 lines or 22"
 Horizontal Tab To 32 programmable positions
 Skip Over Perf Programmable length and interval
 Vertical Tab To 16 positions
 Programmable Vertical
 Format Unit Allows vertical tab on multiple forms

Cover photo: Standard tractor feed not shown.

INTERFACES

Standard Centronics-style 8-bit Parallel
 Optional RS232, IEEE488
 Buffer Size 2K standard

MEDIA HANDLING

Paper Feed Friction/tractor feed
 Paper Width Range With tractor feed: 4" to 16"
 With friction feed: 7.25" to 8.5"

Number of Parts to

Form 1 original plus 2 copies .013"
 (0.3mm) max.

Paper Path Rear

SWITCHES/LIGHTS/DETECTORS

Indicators Power Light; Printer Ready;
 Paper Out; On Line
 Switches Power On/Off; On Line;
 Form Feed; Line Feed
 Detectors Internal buzzer (bell); Paper Out
 Detection; Error Condition

RELIABILITY

Print Head Life
 Expectancy 100 x 10⁶ characters
 MCBF (Excluding Print
 Head) 5 million lines

INKED RIBBON

Color Black
 Type Cartridge
 Life Expectancy 3 million characters

ENVIRONMENTAL CONDITIONS

Operating Temperature
 Range 41°F to 95°F (5 to 35°C)
 Operating Humidity 10 to 80% non-condensing

POWER REQUIREMENT

Voltage AC 120 V ± 10%
 Frequency 49.5 to 60.5 Hz
 Current 1 amp
 Power Consumption 70 VA maximum

SELF TEST MODE

Depressing Line Feed Switch while turning power ON
 engages self-test which prints all characters in ROM

PHYSICAL CHARACTERISTICS

Height 5.9" / 150mm
 Width 24.2" / 615mm
 Depth 13.9" / 354mm
 Weight 23.1 lb / 10.5kg

Specifications subject to change without notice.

Epson FX-100 Print Sample

One reason Epson sells more printers in the world is the crisp, clear PICA sample. However, ELITE is smaller print, you can use CONDENSED.

But just having different sizes isn't enough for Epson. Epson printers have the ability to mix *italic*, underlines within the text to emphasize, try doublestrike, and lines.

TRY TITLES II
Subheads can be emphasized
 The body of the text can be in proportional mode using the popular

You can even mix text and graphics as these examples of international traffic signs show:



Engineers, scientists, and mathematicians appreciate the **superscript** and for equations and formulas: $K[Y^2 + 2X^{11}]$.

The FX even contains eight font International characters:
 à ° ç š è ù é " Å ö ü ä ö ü í
 ø à õ é ò ï ð ; ñ ï ð

User defined characters (including control codes) may be printed:
 © ™ □ α β √

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